

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Eric A. Jacobsen et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket:	884.A54US1
Title:	APPARATUS AND METHODS FOR COMMUNICATING USING SYMBOL-MODULATED SUBCARRIERS		
Assignee:	Intel Corporation		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Applicants have not included copies of cited U.S. Patent documents, pursuant to the Notice issued August 5, 2003, which provides that copies of U.S Patent and Publication documents need not be submitted with Information Disclosure Statements for applications filed after June 30, 2003.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Serial No :Unknown

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Title: APPARATUS AND METHODS FOR COMMUNICATING USING SYMBOL-MODULATED SUBCARRIERS

Assignee: Intel Corporation

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Dkt: 884.A54US1 (INTEL)

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ERIC A. JACOBSEN ET AL.

By their Representatives,

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Date Sept. 29, 2003 By Ann M. McCrackin
Ann M. McCrackin
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 29 day of September, 2003.

KACIA LEE
Name

Kacia Lee
Signature

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number Unknown

Filing Date Even Date Herewith

First Named Inventor Jacobsen, Eric

Group Art Unit Unknown

Examiner Name Unknown

Sheet 1 of 1

Attorney Docket No: 884.A54US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-6,178,158	01/23/2001	Suzuki, Yasunori, et al.	370	203	10/09/1997
	US-6,192,026	02/20/2001	Pollack, Michael A., et al.	370	203	02/06/1998
	US-6,249,543	06/19/2001	Chow, Jacky S.	375	219	11/23/1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BANGERTER, BOYD, et al., "High-Throughput Wireless LAN Air Interface", <u>Intel Technology Journal: Wireless Technologies</u> , Vol. 7, Issue 3, Available at http://developer.intel.com/technology/itj/index.htm , (August 19, 2003), pp. 47-57	
		BANSAL, PRATEEK, et al., "Adaptive Loading in MIMO/OFDM Systems", Dated December 13, 2001, Available on the internet September, 2003, pp. 1-12	
		ERGEN, MUSTAFA, et al., "QoS Aware Adaptive Subcarrier Allocation in OFDMA Systems", University of California Berkeley, Available on the internet September, 2003, 26 pages	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached